



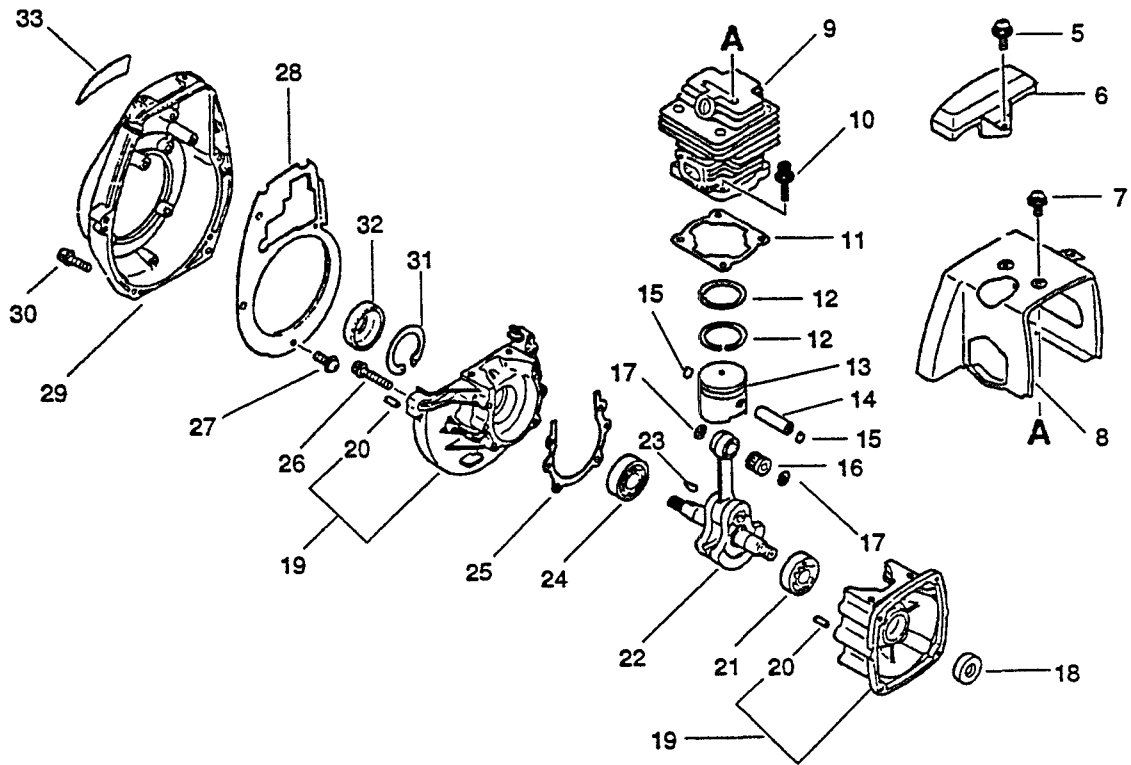
**CLEARING SAW
PARTS CATALOG
MODEL CLS-4600**

SERIAL NUMBER 001001 & UP

**ECHO, INCORPORATED
400 OAKWOOD ROAD
LAKE ZURICH, IL 60047**

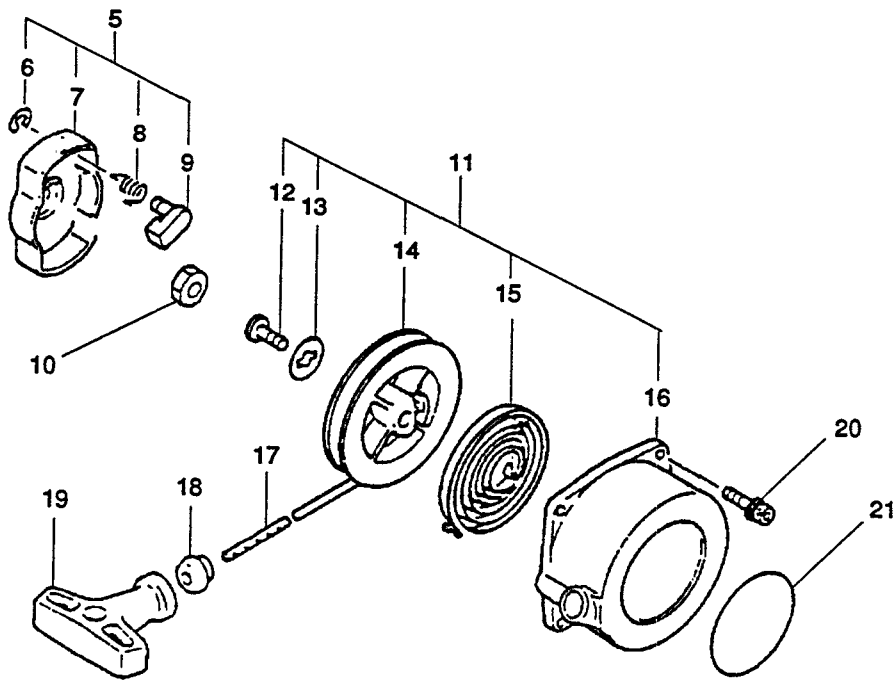
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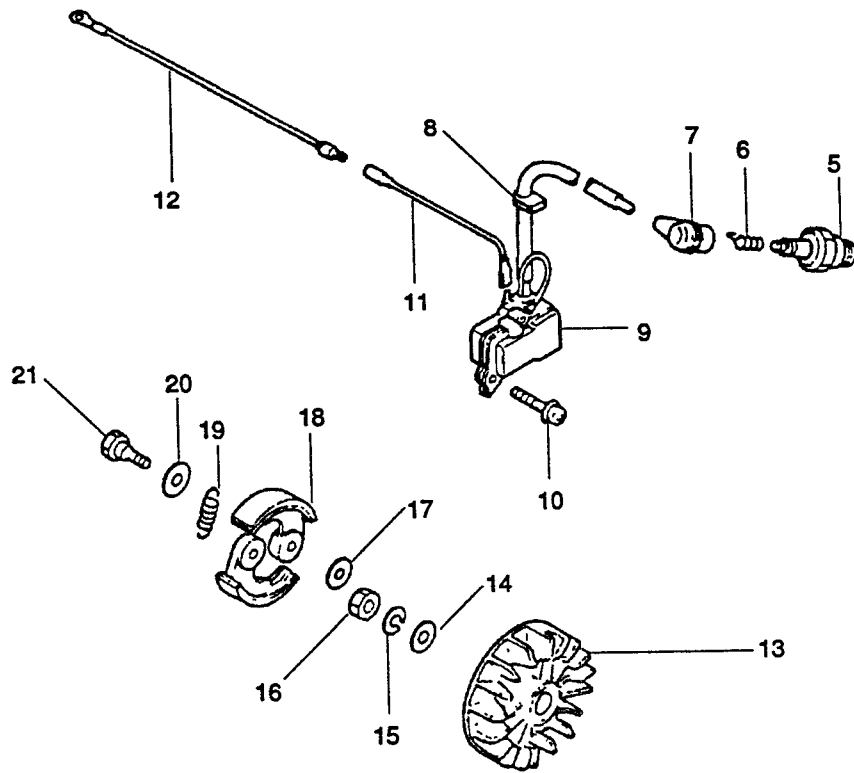
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	900238 05014	3	SCREW 5X14	
6	159905 43130	1	GUARD, TOP	
7	900238 05010	1	SCREW 5X10	
8	101514 47530	1	COVER, CYLINDER	
9	101011 43230	1	CYLINDER	
10	900162 05020	4	BOLT, H.S. 5X20	
11	101010 42231	1	GASKET, CYLINDER	USE KIT 889000 42231
12	100011 42230	2	RING, PISTON	
13	100000 42230	1	PISTON KIT	
14	100013 00410	1	PIN, PISTON	
15	100015 00120	2	CIRCLIP, PISTON PIN	
16	100012 27930	1	BEARING, NEEDLE	
17	100014 17330	2	SPACER	
18	100212 27930	1	OILSEAL	
19	100200 42230	1	CRANKCASE SET	INCLUDES ITEM 20
20	100215 02830	4	PIN, DOWEL	
21	900810 36201	1	BEARING, BALL 6201	
22	100100 43130	1	CRANKSHAFT ASY	
23	100142 12330	1	KEY, WOODRUFF	
24	900810 36202	1	BEARING, BALL 6202	
25	-----	1	GASKET, CRANKCASE	USE KIT 889000 42231
26	900162 05030	4	BOLT, H.S. 5X30	
27	900238 04010	4	SCREW 4X10	
28	101534 42230	1	PLATE	
29	101511 47530	1	COVER, FAN	
30	900162 05025	4	BOLT, H.S. 5X25	
31	900702 00035	1	CIRCLIP 35	
32	100213 02830	1	OILSEAL	
33	890112 47530	1	LABEL, MODEL	

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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	177202 41030	1	CATCHER ASY, PAWL	INCLUDES ITEMS 6 - 9
6	900700 00004	1	E-RING 4	
7	177210 41030	1	CATCHER, PAWL	
8	177234 40630	1	SPRING, PAWL	
9	177218 40630	1	PAWL, STARTER	
10	900502 00008	1	NUT 8	
11	177200 43130	1	STARTER ASY	INCLUDES ITEMS 12 - 19
12	177236 40630	1	SCREW	
13	177214 41030	1	WASHER	
14	177215 43130	1	REEL, STARTER	
15	177220 40630	1	SPRING, REWIND	
16	177232 41030	1	CASE, STARTER	
17	177226 01110	1	ROPE, STARTER	USE BULK ROPE 999444 00050 DIA. 4.0MM (5/32") X L 950MM (37.4)
18	177227 05530	1	GUIDE, ROPE	
19	177228 11120	1	GRIP, STARTER	
20	900162 04020	4	BOLT, H.S. 4X20	
21	890118 49330	1	LABEL	

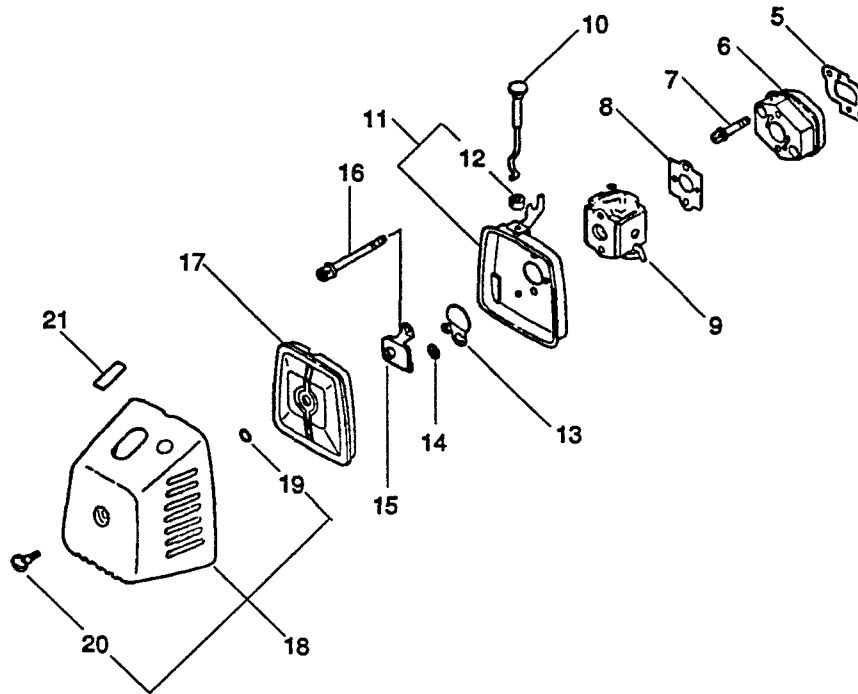
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
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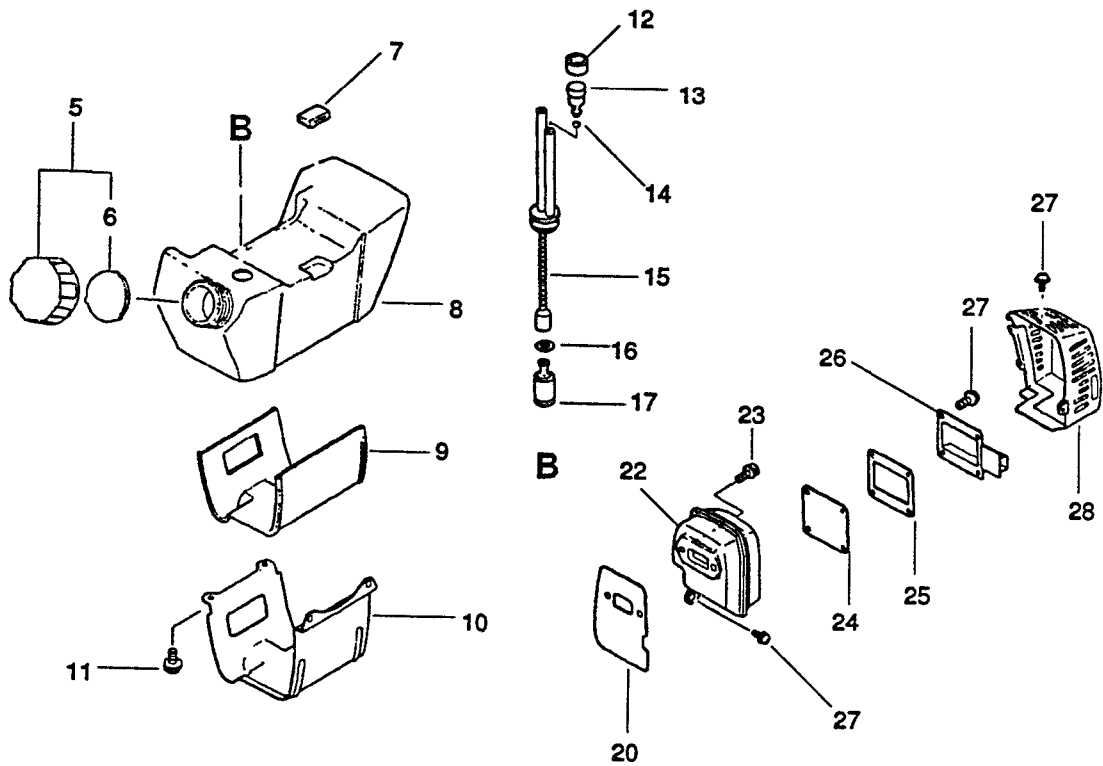
5	159010 10630	1	PLUG, SPARK	
6	159011 03432	1	COIL, PLUG CAP	
7	159012 03433	1	CAP, SPARK PLUG	
8	156112 40630	1	GROMMET	
9	156626 42230	1	COIL, IGNITION	
10	900238 05020	2	SCREW 5X20	
11	162021 42230	1	LEAD	
12	156635 43130	1	LEAD	
13	156801 42230	1	FLYWHEEL	
14	900600 00010	1	WASHER 10	
15	900605 00010	1	WASHER, SPRING 10	
16	900503 00010	1	NUT 10	
17	175049 03920	2	WASHER	
18	175009 42231	2	SHOE, CLUTCH	
19	175018 42230	1	SPRING, CLUTCH	
20	175048 03920	2	WASHER, CLUTCH	
21	175046 06230	2	BOLT	

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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	130016 42231	1	GASKET	
6	130017 43130	1	INSULATOR	
7	900162 05025	2	BOLT, H.S. 5X25	
8	130016 06231	1	GASKET	
9	123000 47531	1	CARBURETOR WT-120B	
10	178510 47530	1	ROD, CHOKE	
11	130301 43130	1	CASE, AIR CLEANER	INCLUDES ITEM 12
12	178810 05230	1	GROMMET	
13	178515 43130	1	SHUTTER, CHOKE	
14	178516 00830	2	SPACER	
15	129006 43130	1	PLATE	
16	900162 05057	2	BOLT, H.S. 5X57	
17	130310 43130	1	FILTER, AIR	
18	130302 43130	1	COVER, AIR CLEANER	INCLUDES ITEMS 19 & 20
19	900720 00004	1	O-RING 4	
20	130415 40630	1	SCREW	
21	890121 47530	1	LABEL	

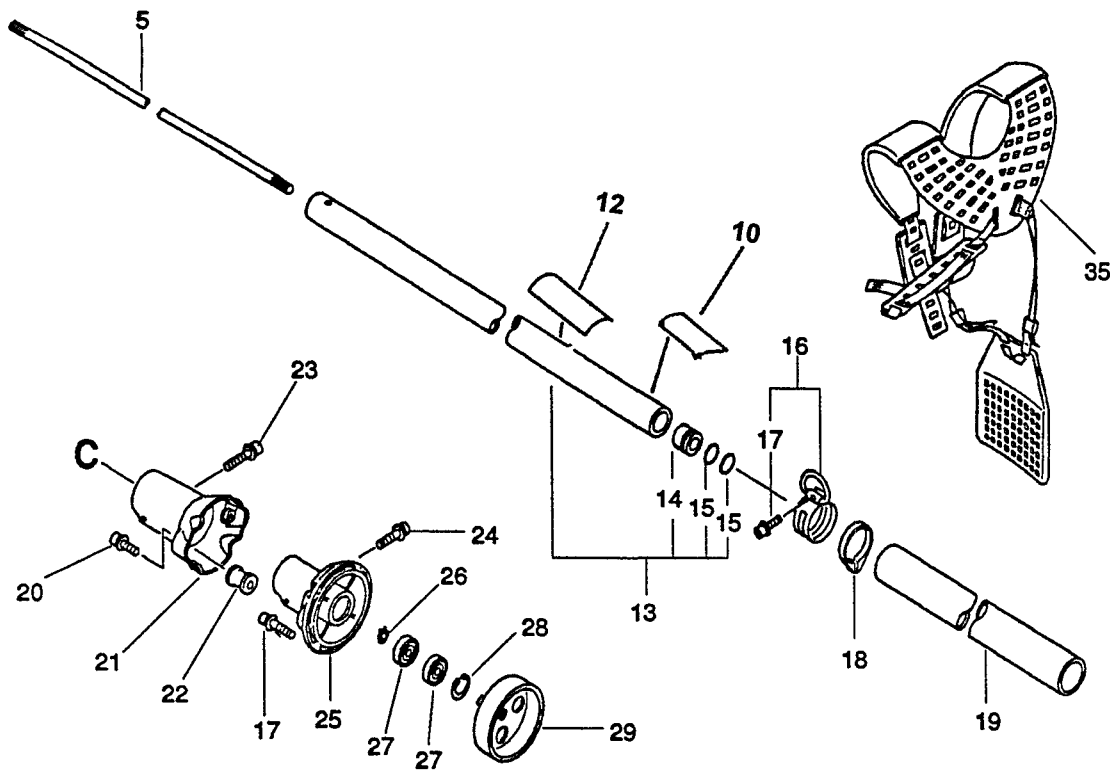
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	131600 47530	1	CAP, FUEL TANK	
6	131016 40630	1	GASKET	
7	131923 11120	3	CUSHION	
8	131010 46930	1	TANK, FUEL	
9	131924 43130	1	SEAT, FUEL TANK	
10	131910 43130	1	STAND	
11	900238 05014	2	SCREW 5X15	
12	131328 40630	1	COVER	
13	131300 40630	1	VENT ASY	
14	130111 00530	1	CLIP	
15	132010 43130	1	PIPE, FUEL	
16	900603 00005	1	WASHER 5	
17	131205 14930	1	STRAINER, FUEL	
*20	145510 42231	1	GASKET, MUFFLER	
*22	145610 43130	1	MUFFLER	
23	900162 05020	2	BOLT, H.S. 5X20	
*24	145862 43130	1	SCREEN	
*25	145866 43131	1	GASKET	
*26	145867 43130	1	LID, MUFFLER	
*27	900238 04010	7	SCREW 4X10	
28	145871 43130	1	COVER, MUFFLER	

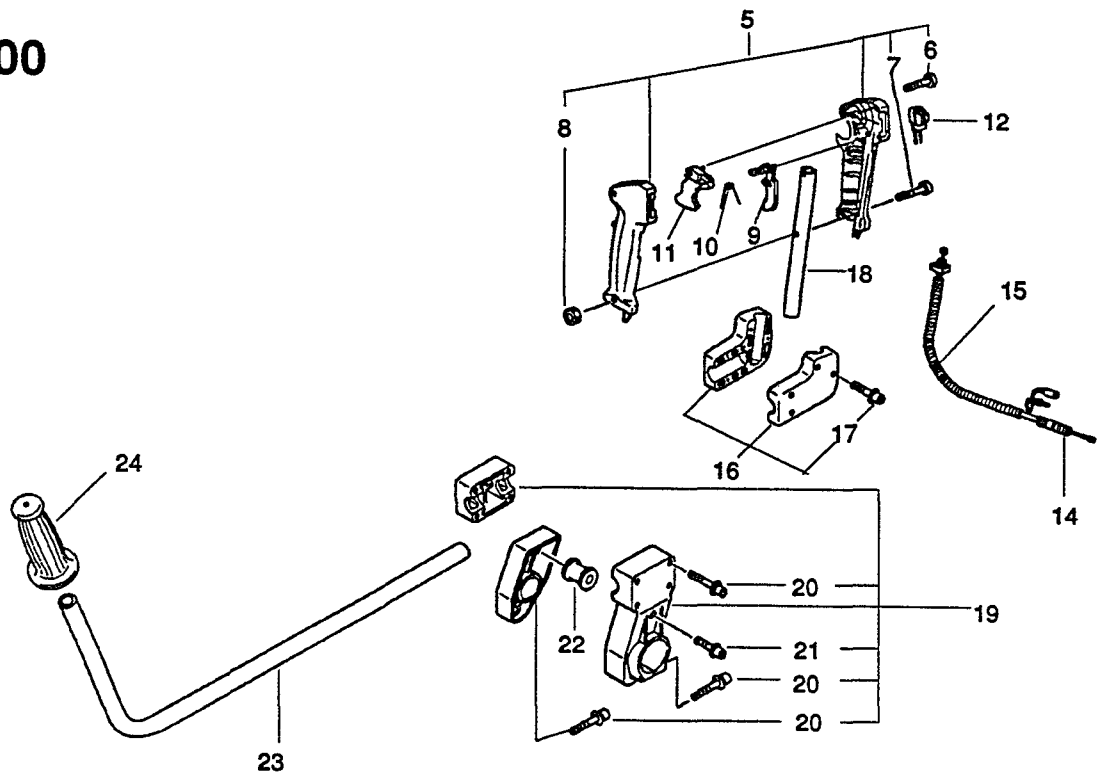
*MUFFLER ASY P/N 145800 43130

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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	610011 47530	1	SHAFT, DRIVE	
10	890160 52730	1	LABEL	
12	890160 49630	1	LABEL	
13	610206 47530	1	HOUSING	INCLUDES ITEMS 14 & 15
14	610105 47530	5	HOLDER, BEARING	
15	900720 00026	10	O-RING	
16	301205 47530	1	RING, HARNESS	INCLUDES ITEM 17
17	900162 05020	5	BOLT 5X20	
18	178121 47530	2	BAND	
19	610258 47530	1	PIPE, SWIVEL	
20	900162 05014	2	BOLT 5X14	
21	610266 47530	1	COVER	
22	100907 14730	2	CUSHION	
23	900162 05035	1	BOLT 5X35	
24	900162 05030	1	BOLT 5X30	
25	610223 47530	1	CASE, BEARING	
26	900701 00015	1	CIRCLIP 15	
27	900819 06202	2	BEARING, BALL 6203	
28	900702 00035	1	CIRCLIP 35	
29	175005 47530	1	DRUM, CLUTCH	
35	301001 47530	1	HARNESS ASY	

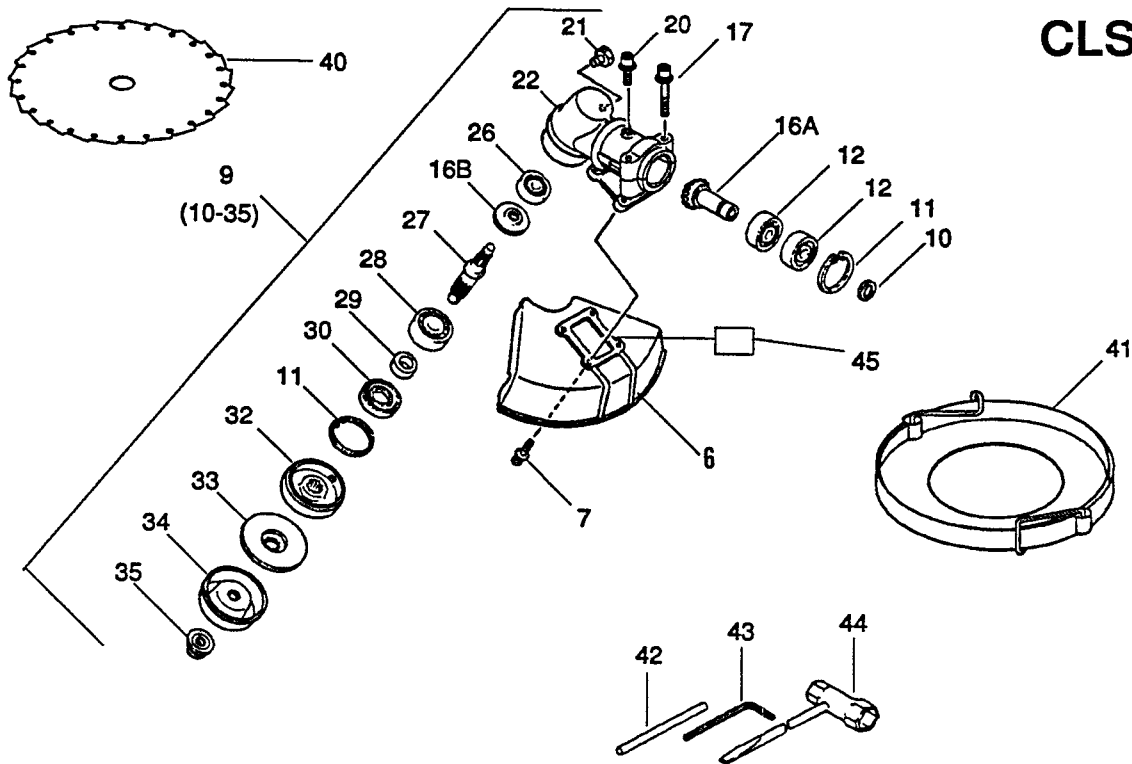
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
5	351102 47530	1	GRIP, HAND	INCLUDES ITEMS 6 - 8
6	900246 03025	4	SCREW 3X25	
7	900220 05030	1	SCREW 5X30	
8	900500 00005	1	NUT 5	
9	178012 47530	1	LOCKOUT, THROTTLE	
10	178013 35631	1	SPRING	
11	178010 47530	1	TRIGGER, THROTTLE	
12	163400 47530	1	SWITCH, IGNITION	
14	178001 47530	1	CABLE, THROTTLE	
15	178127 47530	1	TUBE	
16	351302 47530	1	FIXTURE, HANDLE	INCLUDES ITEM 17
17	900162 05025	4	BOLT 5X25	
18	351210 47530	1	HANDLE	
19	351301 51530	1	FIXTURE, HANDLE (BLACK)	INCLUDES ITEMS 20 & 21
20	900162 05035	5	BOLT 5X35	
21	900162 05014	2	BOLT 5X14	
22	100907 14730	2	CUSHION	
23	351110 47530	1	HANDLE	
24	351213 47530	1	GRIP, HANDLE	

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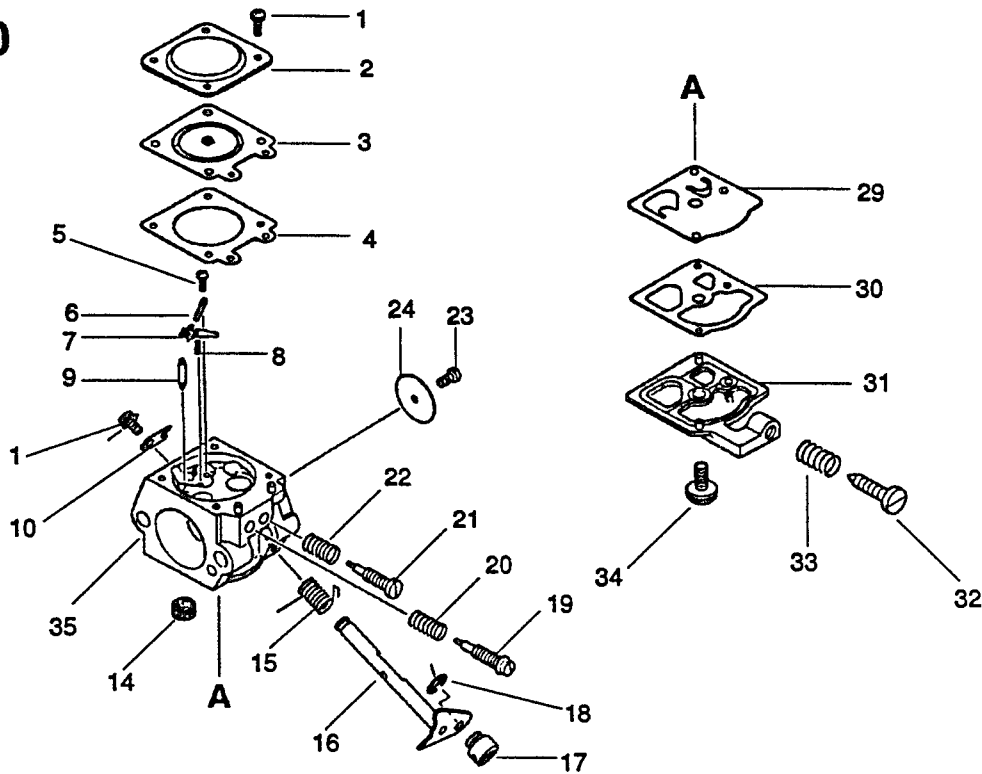
KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
6	699000 51530	1	SHIELD (BLACK)	INCLUDES ITEM 7
7	900162 05014	4	BOLT 5X14	
9	610400 47530	1	HOUSING ASY	INCLUDES ITEMS 10 - 35
10	900701 00015	1	CIRCLIP 15	
11	900702 00035	2	CIRCLIP 35	
12	900810 36202	2	BEARING, BALL 6202	
16	610300 47530	1	GEAR	
17	900162 05035	2	BOLT 5X35	
20	900162 05014	1	BOLT 5X14	
21	900100 08008	1	BOLT 8X8	
22	610410 47530	1	CASE, GEAR	
26	900800 36001	1	BEARING, BALL 6001	
27	610310 47530	1	SHAFT, P.T.O.	
28	900813 06202	1	BEARING, BALL 6202	
29	610334 06230	1	SPACER	
30	610413 47530	2	OILSEAL	
32	610313 47530	1	PLATE, ADAPTER	
33	610314 47530	1	PLATE, ADAPTER	
34	610352 47530	1	COVER	
35	610320 47530	1	NUT 12	
40	999442 00130	1	CLEARING SAW BLADE (20MM ARBOR)	
41	898503 08030	1	COVER (GRAY)	
42	897518 01131	1	LOCKING TOOL	
43	895610 00130	1	HEXAGON WRENCH 4	
44	895410 08030	1	BOX WRENCH 17X19	
45	890168 41031	1	LABEL, CAUTION	

ACCESSORIES

695001 20330	1	8" BRUSH BLADE
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KEY	PART NUMBER	QTY	DESCRIPTION	REMARKS
	123000 47531	1	CARBURETOR WT-120B	INCLUDES THE FOLLOWING ITEMS
1	B	5	SCREW	
2	123142 03930	1	COVER, METERING DIAPHRAGM	
3	A B	1	DIAPHRAGM, METERING	
4	A B	1	GASKET, METERING DIAPHRAGM	
5	B	1	SCREW	
6	B	1	PIN, METERING LEVER	
7	B	1	LEVER, METERING	
8	B	1	SPRING, METERING LEVER	
9	B	1	VALVE, INLET	
10	123127 13930	1	CLIP, THROTTLE	
14	123126 10631	1	SCREEN, INLET	
15	123113 15030	1	SPRING, THROTTLE RETURN	
16	123117 05020	1	SHAFT, THROTTLE	
17	123172 04320	1	SWIVEL	
18	123127 10630	1	RING, RETAINING	
19	123120 04420	1	NEEDLE, HIGH SPEED	
20	B	1	SPRING, NEEDLE ADJUST	
21	123118 24430	1	NEEDLE, IDLE	
22	123121 22130	1	SPRING, NEEDLE ADJUST	
23	123114 03930	1	SCREW	
24	123116 10530	1	VALVE, THROTTLE	
29	A B	1	GASKET, PUMP	
30	A B	1	DIAPHRAGM, PUMP	
31	123124 09520	1	COVER, PUMP	
32	123134 04260	1	SCREW, IDLE ADJUST	
33	123133 04260	1	SPRING, IDLE ADJUST	
34	123110 03930	1	SCREW	
A	123101 10530	1	DIAPHRAGM/GASKET KIT	
B	123100 40630	1	REPAIR KIT	

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